

## Washington High School

### Past 2 years Fire Alarm Repairs and Costs

8/12/10	Repair Fire Alarm Test and Inspection Deficiencies	\$340.00
8/20/10	Unknown Troubles and pull station replaced	\$170.00
10/5/10	FACP will not silence due to lightning strike	\$170.00
7/5/11	Auditorium Annunciator replaced	\$607.50
7/26/11	Replace 2 inoperable pull stations	\$303.42
9/28/11	Troubleshoot Zones 1,2 & 5. Replace Zone card	\$2,555.00
3/2/12	Power Supply trouble shooting	\$255.00
7/5/12	Replaced 2 false alarming pull stations	\$365.96
7/10/12	Replaced 6 pull stations in PA building	\$328.28
7/27/12	Troubleshoot NAC circuits in FACP & ghost alarms	\$170.00
8/7/12	Troubleshoot Bldg 300 power supply	\$170.00
8/16/12	Replaced 10 broken pull stations	\$469.10
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TOTAL		\$5,904.26

The existing FACP is a Siemens MX-L for the entire campus except for a Fire-Lite fire alarm system in the practice gym. The MX-L system is a discontinued product and thus the parts that are available at this time have increased in price due to a lack of supply. Eventually, parts for the system will not be available and Siemens will not support the product any longer. It is imperative that the system be replaced before the remaining parts for the system have completely dried up.



**Fire Security Electronics  
& Communications, Inc.**

17621 N. 25th. Ave. • Phoenix, Arizona 85023 • (602) 564-7770 • Fax (602) 564-7776  
www.fsec.net • email: sales@fsec.net • ROC# 086767 L-67, 272085 L16

**Proposal**

**January 16, 2012**

**Mohave Contract No. 08B-FIRE-0528**

**ES6486-TK**

**Washington High School**

**Turnkey Fire Alarm System Renovation**

**Fire Security Electronics & Communications, Inc. proposes to furnish:**

1 ea. Turnkey Fire Alarm System Renovation as per the material list on page 2 of this proposal. **\$331,931.43**

**Sales Tax (Proposal Subtotal times Prime Contractor Sales Tax Rate):** **\$20,065.26**

**Total Purchase Order Price:** **\$351,996.69**

**The following equipment and installation labor shall be provided by Fire Security Electronics & Communications, Inc.:**

- 1) Supply and installation of all head end equipment.
- 2) Supply and installation of new field devices.
- 3) Supply and installation of all special systems cable.
- 4) Supply and installation of all materials required to supply AC power to the new equipment.
- 5) All labor to setup and test the systems for proper operation.
- 6) All labor to test the system with the local AHJ.
- 7) All shop drawings, project submittals, O&M manuals, and As-Built drawings.
- 8) Training of the owners key personnel.

**The following items are excluded from this proposal:**

- 1) Any bonds or permit fees.

**Special Conditions:**

- 1) This proposal is based on information provided by GUHSD.
- 2) Upon plan review by the AHJ, any additional equipment required by the AHJ will be quoted separately from this proposal and will be considered a change order.
- 3) It is assumed that adequate underground pathways exist between buildings. Any repair or new installation of underground conduit is excluded from this proposal and is the responsibility of the school district.
- 4) The above pricing is based on the attached Terms & Conditions. Any modifications to those Terms & Conditions must be in writing, accepted by an Officer of FSEC, and may increase the price accordingly.

**This proposal references MESC Price List 08B-FIRE-0528-120111**

**SEE ATTACHED TERMS & CONDITIONS**

*Do not accept without reading all pages.*

Proposed By: Curt Thurman  
Salesman

Date: 01/16/2012

Accepted By: \_\_\_\_\_

Date: \_\_\_\_\_



# Fire Security Electronics & Communications, Inc.

## Breakdown

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January 16, 2012

Reference: MESC Price List 08B-FIRE-0528-120111

Mohave Contract: 08B-FIRE-0528

### Washington High School

### Turnkey Fire Alarm System Renovation

Qty.	Manufacturer	Model No.	Description	Unit Price	Ext. Price
1	Gamewell-FCI	E3BB-BC/INCC	Enclosure, command center, black, "C" size	\$315.00	\$315.00
1	Gamewell-FCI	E3ID2-C	Inner door, command center, 2 slots, "C" Size	\$140.18	\$140.18
1	Gamewell-FCI	E3-INCC-CPLATE	Command center module mounting plate, "C" Size	\$88.99	\$88.99
8	Gamewell-FCI	1100-0450	Command center, blank plate, single size	\$30.71	\$245.70
1	Gamewell-FCI	PM-9	E3 Series 9 ampere power supply	\$490.61	\$490.61
1	Gamewell-FCI	ILI-MB-E3	Intelligent loop interface, mother board	\$655.99	\$655.99
1	Gamewell-FCI	DACT-E3	Digital alarm communication transmitter	\$245.70	\$245.70
1	Gamewell-FCI	RPT-E3-FO	Network repeater, fiber optic	\$787.50	\$787.50
1	Gamewell-FCI	LCD-E3	LCD keypad display	\$437.85	\$437.85
2	Gamewell-FCI	1100-0455	ASM-16 programmable switch module	\$356.74	\$713.48
7	Gamewell-FCI	7100-1-PNL	7100 Addressable FACP 1 SLC w/ cabinet, red	\$838.69	\$5,870.81
1	Gamewell-FCI	1100-1311	BK-7100-2 basic systems kit, 2 SLC	\$1,178.10	\$1,178.10
1	Gamewell-FCI	1100-0480	NS-7100B enclosure, 19 Inch NetSOLO Broadband, black	\$244.13	\$244.13
8	Gamewell-FCI	1100-0439	INI-7100-FO intelligent network interface module, fiber optic	\$937.13	\$7,497.00
8	Gamewell-FCI	1100-1233	CAOM Class A option combination module for both SLCs	\$235.46	\$1,883.70
10	Gamewell-FCI	GFPS-9	9A supplementary notification appliance circuit power supply with Sync	\$492.19	\$4,921.88
1	Gsmewell-FCI	FPT-GATE-3	FocalPoint Gateway-3 with enclosure, black	\$1,968.75	\$1,968.75
18	Gentex	AVSM-R	Red Synchronization Module w/ Back Box	\$43.75	\$787.50
38	Various Vendors	12V7AH	12 Volt, 7 Amp Hour Sealed Lead Acid Battery	\$17.27	\$656.35
19	Space Age Electronics	T120-DG	DG SERIES 120 VOLT TERM SPD	\$64.35	\$1,222.65
1	Space Age Electronics	RJ31120-DGP	DGP SERIES 120 VOLT RJ31 SPD	\$54.45	\$54.45
4	Space Age Electronics	T24-DG	DG SERIES 24 VOLT TERMINAL SPD	\$63.36	\$253.44
4	Space Age Electronics	T24-MDP	MDP SERIES 24 VOLT TERM SPD	\$60.90	\$243.61
4	Gamewell-FCI	MS-7AF	Addressable Double Action Station (AMM-2SF Mini-Mod Incl)	\$89.38	\$357.53
535	Gamewell-FCI	ASD-PL2F	Analog Photoelectric Sensor	\$66.94	\$35,811.56
9	Gamewell-FCI	ATD-RL2F	Thermal Sensor ROR 15° / 135°	\$45.68	\$411.08
544	Gamewell-FCI	B210LP	6" base, flanged, low profile, use with analog sensor or Velociti sensors	\$11.03	\$5,997.60
3	Fike	68-148	OSID Imager, 80° Coverage, 24VDC	\$884.63	\$2,653.88
8	Fike	68-150	OSID Emitter, Standard Power, 24VDC Hardwired	\$381.94	\$3,055.50
3	Fike	68-151	OSID Emitter, High Power, 24VDC Hardwired	\$833.44	\$2,500.31
11	Gamewell-FCI	AMM-2IF	Addressable dual monitor module, 2 circuit	\$100.01	\$1,100.14
18	Gamewell-FCI	AMM-4F	Addressable monitor module, Class "A"	\$57.88	\$1,041.86
21	Gamewell-FCI	AOM-2RF	Addressable output relay control module	\$73.63	\$1,546.26
5	Gamewell-FCI	M500X	Fault isolator module	\$63.00	\$315.00
21	Space Age	SSU-MR-101/C/R	RELAY CAB RED 18-32VDC 24VAC 120V/230VAC 10A SPDT POLAR. UL	\$22.28	\$467.78
44	Gentex	WGEC24-75WR	WGEC Series, 24VDC Wall Mount, Outdoor Horn/Strobe, 75 Candela, Red w/ "FIRE" Lettering	\$71.82	\$3,160.08
29	Gentex	GEC3-24WR	Commander3 Series 24VDC, Wall Mount, Evacuation Horn/Strobe, Selectable Candela, Red w/ "FIRE" Lettering	\$51.66	\$1,498.14
269	Gentex	GCC24CW	Commander4 Series 24VDC, Ceiling Mount, Evacuation Horn/Strobe, Selectable Candela, White w/ "FIRE" Lettering	\$51.66	\$13,896.54
24	Gentex	GCS24CW	Commander4 Series 24VDC, Ceiling Mount, Evacuation Strobe, Selectable Candela, White w/ "FIRE" Lettering	\$40.32	\$967.68
8000	Westpenn Wire	M9B045T	6 FIBER 62.5/125UM MM INDOOR/OUTDOOR OFNP	\$0.85	\$6,806.80
120	Westpenn Wire	FI-4244	Beige 62.5 SC 900um Connector	\$18.81	\$2,257.50
1	Westpenn Wire	FI-WM48	48 Port Dbl Door- 8 Plates	\$215.99	\$215.99
8	Westpenn Wire	FI-WM12	6/12 Port Dbl Door- 2 plates	\$143.99	\$1,151.92
20	Westpenn Wire	FI-ADP6SCL	6 SC Loaded plate	\$55.06	\$1,101.10
28	Westpenn Wire	FI-2002-3ST/SC	Duplex ST to SC 3ft	\$33.25	\$19.00
24000	Westpenn Wire	60991B	2 COND 16 SOLID BARE FPLP	\$0.25	\$5,942.83
26000	Westpenn Wire	60994B	2 COND 12 SOLID BARE SHLD FPLP	\$0.60	\$15,618.80
7360	Arlington Industries	TL20	2" LOOP™ Cable Hanger	\$0.63	\$4,636.80
1320	Various	3/4EMTCOND	3/4" EMT Conduit 10' Length	\$7.58	\$10,002.30
1100	Various	3/4STRAP	3/4" One Hole Conduit Strap	\$4.90	\$5,390.00
484	Various	3/4EMTCMPCOUP	3/4" EMT Compression Coupler	\$8.59	\$4,158.77
326	Various	3/4EMTCMPCON	3/4" EMT Compression Connector	\$4.52	\$1,471.89
978	Various	4S-BOX	4" Square Electrical Box	\$1.79	\$1,745.73
77	Various	4S-1GARING	4" Square 1 Gang Mud Ring	\$1.79	\$137.45
837	Various	4S-3RORING	4" Square 3" Round Mud Ring	\$1.91	\$1,596.58
837	Various	BA-12	24" T-Bar Hanger Assembly	\$8.31	\$6,957.56
978	Arlington Industries	NM95	Black Button Snap-In Plastic Cable Connector, 3/4"	\$0.68	\$667.49
21	Space Age Electronics	SSU03505	SDG SIGNAL GUARD RED 9.5"H X 11.75"W X 5.25"D	\$35.18	\$738.74
Total Equipment Price:					\$176,301.51
2780	Hours	Installation, Testing & Programming Labor		\$60.00	\$166,800.00
126	Hours	Drafigt & Documentation Labor		\$50.00	\$6,300.00
Subtotal with Labor					\$349,401.51
Volume Discount:				5%	\$17,470.08
Proposal Subtotal:					\$331,931.43
Sales Tax (Proposal Subtotal times Prime Contractor Sales Tax Rate):				6.045%	\$20,065.26
Proposal Subtotal with Sales Tax:					\$351,996.69



# Terms and Conditions

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1. VENUE It is mutually agreed that regardless of where executed, this Agreement shall be conclusively deemed to have been executed under and pursuant to the laws of the State of Arizona and that the laws of said state, and only said state, shall be applied hereunder, and that any causes of action between the parties hereto shall only have jurisdiction and venue in the courts of the State of Arizona.
2. MODIFICATION No charge or modification of this Agreement, or any provision thereof, shall be binding upon parties hereto, unless it shall be in writing and signed by the party sought to be charged thereunder.
3. SUBSEQUENT LEGAL PROCEEDINGS In the event that an action is brought to enforce any part of this Agreement, the prevailing party shall be entitled to recover all reasonable expenses, including reasonable attorney's fee, costs and any other relief to which the prevailing party is otherwise entitled, whether or not suit is instituted.
4. BINDING EFFECT This Agreement is entered into freely and voluntarily between the parties, and it shall be binding upon and inure to the benefit of the parties hereto, as well as their respective heirs, personal representatives, successors and assigns.
5. ENTIRE AGREEMENT This Agreement constitutes the entire agreement between the parties hereto and supersedes all prior and contemporaneous negotiations, understandings, agreements, inducements and conditions of any nature whatsoever with respect to the subject matter hereof.
6. PROVISIONS SEVERABLE If any provision of this Agreement shall be or shall become illegal or unenforceable, in whole or in part, for any reason, the remaining provisions hereof shall never the less be deemed valid, binding and subsisting.
7. INDULGENCES NOT WAIVERS No indulgences extended by either party hereto to the other party shall be construed as a waiver of any breach on the part of such other party, nor shall any waiver of one breach be construed as a waiver of any rights or remedies with respect to any subsequent breach.
8. COUNTERPARTS This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.
9. All invoices are due and payable upon presentation and past due 30 days thereafter.
10. All past due invoices **WILL BE CHARGED** a 2 percent per month finance charge on the outstanding balance.
11. Any account over 60 days will be subject to credit hold and work shall cease until the outstanding balance has been paid.
12. All equipment shall be ordered upon receipt of approved submittals.
13. Equipment will be invoiced upon receipt and shall be stored in our warehouse until required on site. Should delivery to site be required for payment, then notification within 24 hours of receipt of our invoice shall be given. If on site storage is required for payment, the CONTRACTOR shall provide secure storage at no cost to F.S.E.C. and the CONTRACTOR assumes all liability for the safe storage of all equipment until required for installation. If notification is not given within 24 hours to F.S.E.C. then the contractor has agreed that the materials may be stored in our warehouse and that payment will be made in accordance with the above.
14. Should terms 12 & 13 above be unacceptable, then the Contractor shall notify F.S.E.C. in writing together with the required delivery dates for the equipment to be on site. Upon receipt of approved submittals, we shall order the equipment for delivery as requested. Any increase in price due to the delayed delivery or any special freight charges due to expedited delivery shall be addition to contract and shall be charged to the Contractor.
15. A construction schedule, a full set of electrical drawings and a complete set of specifications including all addenda shall be supplied to F.S.E.C. by the Contractor within 14 days from placing of order. The schedule shall show the estimated delivery requirements of all special back boxes to the Contractor, the estimated date that F.S.E.C. is required on site and the completion date.
16. The Contractor shall give F.S.E.C. a minimum of 14 days notice after total completion of his work to commence on site. F.S.E.C. shall need a minimum of 30 days to complete our work from that date.
17. After F.S.E.C. has tested the system(s) to its satisfaction, F.S.E.C. shall call for inspection by the authority having jurisdiction.
18. F.S.E.C. reserves the right to stop work on all projects with this Contractor should any invoices become past due.
19. All bids by F.S.E.C. are based on a single visit to install, trim, test and inspect unless specifically detailed otherwise. Should the Contractor require multiple visits, then additional charges shall apply.
20. All bids are based on work being carried out during normal working hours. Overtime that is worked due to Contractor request will be chargeable at our standard overtime rates.
21. Should the Contractor call for F.S.E.C. to commence work before the Contractor is complete, the Contractor agrees to pay F.S.E.C. for non-productive time at our standard service hourly rate.
22. The Contractor shall install the system(s) in accordance with the drawings supplied by F.S.E.C. using the materials detailed by F.S.E.C. The Contractor agrees to replace or reinstall any or all items found by F.S.E.C. to be in violation of any applicable Federal, State, Local or National Codes and/or F.S.E.C. approved drawings.
23. The prices and terms on this quotation are not subject to verbal changes or other agreements unless approved in writing by the home office of the seller. All quotations and agreements are contingent upon Strikes, Accidents, Fires, Availability of materials and all other causes beyond our control.
24. Typographical and stenographic errors subject to correction.
25. Purchaser agrees to accept either overage or shortage not in excess of 10 percent to be charged pro rata.



## TERMS & CONDITIONS

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26. Purchaser assumes liability for patent and copyright infringement when goods are made to purchaser's specifications. When quotation specifies material to be furnished by the purchaser, ample allowance must be made for reasonable spoilage and material must be of suitable quality to facilitate efficient production.
27. Conditions not specifically stated herein shall be governed by established trade customs.
28. **TERMS INCONSISTENT WITH THOSE STATED HEREIN WHICH MAY APPEAR ON PURCHASER'S ORDER WILL NOT BE BINDING ON SELLER.**
29. Should a contract be canceled for any reason, then a charge shall be made, including but not limited to, all work and expenses incurred to the date of cancellation. Full profit and overhead estimated for the project and a 25 percent restocking charge for all equipment ordered and/or received by F.S.E.C. for the project at F.S.E.C. selling price.
30. Fire Security Electronics & Communications, Inc. employs a notification service to fulfill the requirements of ARIZONA REVISED STATUTES 33.992.01. This is strictly a vehicle to protect yours and Fire Security Electronics & Communications, Inc. rights and is not a reflection on anyone's ability to pay.
31. Fire Security Electronics & Communications, Inc. shall invoice any materials, labor, supervision or engineering that it has expended, as work progresses. All such invoices are due upon presentation and PAST DUE 30 days from date of invoice.
32. Fire Security Electronics & Communications, Inc. will not carry out any additional work without a written change order. F.S.E.C. will prepare any change order documents and submit them to the Contractor for approval and acceptance. All change orders will be subject to the existing contract terms and conditions.
33. Fire Security Electronics & Communications does not accept backcharges for any reason whatsoever unless they are brought to the attention and agreed upon in writing by our installation manager at the time of the occurrence.
34. **WARRANTY SERVICE SHALL BE PROVIDED DURING NORMAL WORKING HOURS FOR A PERIOD OF ONE (1) YEAR AFTER ACCEPTANCE OR FIRST BENEFICIAL USE, WHICHEVER COMES FIRST. THIS WARRANTY DOES NOT EXTEND TO ANY EQUIPMENT, WHICH HAS BEEN SUBJECT TO MISUSE, NEGLIGENCE, ACCIDENT, UNAUTHORIZED REPAIR OR ALTERATIONS. IT DOES NOT COVER USER MAINTENANCE AND ADJUSTMENTS.**
35. On-Call Emergency Service will be provided twenty-four (24) hours a day.
36. PERMIT FEES are NOT included in the job contract, UNLESS they are specified as being included in the proposal document.
37. All materials shall remain the sole property of F.S.E.C. until paid for in full. Should it become necessary for F.S.E.C. to reclaim any materials that have NOT been paid for, then F.S.E.C. may collect from the Contractor a lease amount equal to 1/12<sup>th</sup> of the total value of such materials for each month the equipment was in service.
38. **FSEC does not accept any liquidated damages on any project for any reason whatsoever, as FSEC does not have any control as to the progress of other contractors and subcontractors who affect our ability to complete our work on time.**

### PROPOSED

BY: \_\_\_\_\_  
Signature Fire Security Electronics & Communications, Inc. Date

### ACCEPTED

BY: \_\_\_\_\_  
Signature Company Date